**Homework 41** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Two-column proofs** Period:\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Failure to show all work and write in complete sentences will result in LaSalle!**

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| 1) Use the Addition Property  Given:  Prove: | 2) Us the Substitution Property.  Given: XY = AB  Prove: AB + YZ = XZ  X Y Z  A B |
| 3) At what point does the line y = -2x + 2 cross the x-axis? | 4) Solve for x in the following equation:  y = x2 + 3w |
| 5) What are the roots of the equation x2 - 3x = 18? | 6) x = {-2. 4} is a solution set for what quadratic equation? |

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| 1) | 2) |
| 3) | 4) |
| 5) | 6) Simplify: |
| 6) | 7) |